

Fiche produit Motralec Ziehl Abegg Fe2Owlet Ecblue With Zaplus ZN050 - fiche technique | Motralec

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# FE2owlet-ECblue with ZApus

for three phase alternating current, 380-480 V

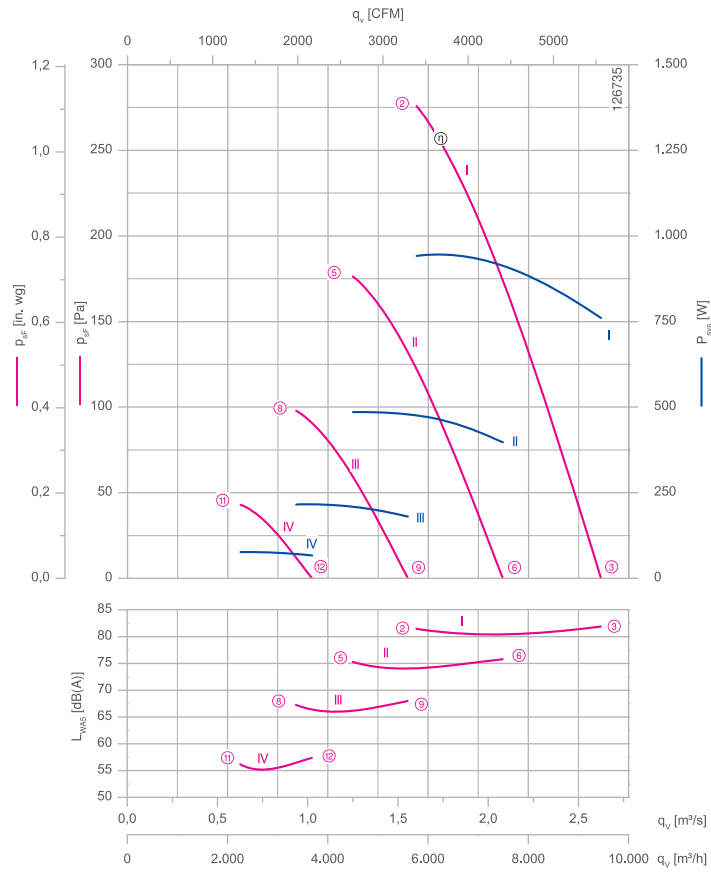
ZN050



**Description**

Motor technology: EC  
 Rated voltage  $U_N$ : 3~ 380-480 V\*  
 Rated frequency  $f_N$ : 50/60 Hz\*  
 Input power  $P_{sys}$ : 940 W\*  
 Rated current  $I_N$ : 1.60- 1.25 A\*  
 Rated speed  $n_N$ : 1550 min<sup>-1</sup>\*  
 Speed  $n$  at  $p_{stat} = 0$  Pa: 1550 min<sup>-1</sup>\*  
 Motor input power  $P$  at  $p_{stat} = 0$  Pa: 760 W\*  
 Air flow  $q_v$  at  $p_{stat} = 0$  Pa: 2.6 m<sup>3</sup>/s\*  
 Thermal class: THCL155\*  
 Min. permitted ambient temperature  $t_{R(min)}$ : -35 °C\*\*\*  
 Max. permitted ambient temperature  $t_{R(max)}$ : 55 °C  
 Electrical connection: Integrated controller  
 Number of blades: 7  
 Degree of protection : IP54  
 Motor protection: integrated active temperaturemanagement  
 Blades: High Performance Composite Material, uncoated, black  
 Rotor: Steel, 2 coat paint, RAL 5002 (ultramarine blue)  
 Conformity: ErP 2015, CE, UL  
**ErP-data**  
 Efficiency  $\eta_{statA}$ : 56.3 %  
 Efficiency:  $N_{actual} = 62.9 / N_{target} = 40$ \*\*  
 \* Rated data  
 \*\*ErP 2015  
 \*\*\* Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -35 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Characteristic curve



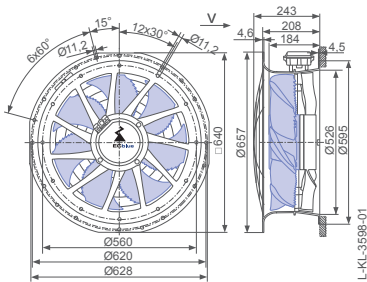
Measured in ZApus and guard grille on suction side in installation type A according to ISO 5801.

Connection diagram Page 250  
 1360-403  
 System components Page 184

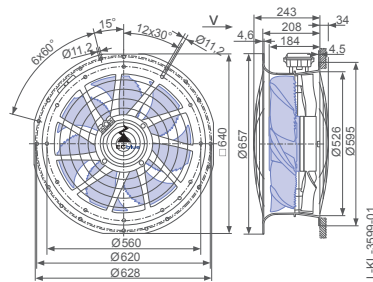
**Dimensions mm**

**Airflow direction**

Design L - ZApus, guard grille suction side with connection box




Design L - ZApus, guard grille two-sided with connection box

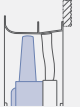
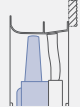


Type	Characteristic curve	Speed	Operating point	Current	Input power	Suction side sound power level
		n min <sup>-1</sup>		I A	P <sub>sys</sub> W	L <sub>WA5</sub> dB(A)
ZN050-ZIL.DC.V7P2	I	1550	②	1.50	940	82
			③	1.25	760	82
	II	1240	⑤	0.92	480	75
			⑥	0.80	400	76
	III	930	⑧	0.52	220	67
			⑨	0.46	180	68
	IV	620	⑪	0.29	75	56
			⑫	0.27	65	57

Current values determined at 400V

### Fan ordering information

**Airflow direction** 

Design	L (guard grille suction side)	L (guard grille two-sided)
		
<b>Type</b>	<b>ZN050-ZIL.DC.V7P2</b>	<b>ZN050-ZIL.DC.V7P2</b>
<b>Article no.</b>	<b>176062/10C4</b>	<b>176062/10C6</b>
Weight kg	14.30	15.70
ZApplus attachable on both sides.		

### Control technology

Control modules	Add-on modules	Operating terminal
		
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## Besoin d'un prix ou d'un conseil technique ?

Ventilateur Ziehl Abegg FE2OWLET ECBLUE WITH ZAPLUS ZN050



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